BODYGUARD® COMPOSITES

MI-LIN352 FORD TRANSIT 148WB HIGH ROOF WALL LINER INSTALLATION GUIDE

MI-LIN355 FORD TRANSIT 148WB HIGH ROOF WALL LINER WITH E-TRACK INSTALLATION GUIDE

BODYGUARD®
COMPOSITES

On behalf of Bodyguard and Malley Industries, congratulations and thank you for purchasing our interior van products.

Malley Industries is one of North America's premiere manufacturers of ambulances, patient transfer units and mobility vehicles. Bodyguard composite interiors are in all of these vans because they are rugged, safe, and easy-to-clean.

Bodyguard Composites follow Malley's strict manufacturing process controls. With tens of thousands of our products in commercial and emergency vehicles throughout North America, Bodyguard's noise-reducing, lightweight interior products will provide years of protection while improving the fuel efficiency of your van.

Terry Malley

President & CEO

BODYGUARD® COMPOSITES

MI-LIN352			
	QTY	DESCRIPTION	
	1	PASSENGER SIDE WALL PANEL	
	1	DRIVER SIDE WALL PANEL (REAR)	
	1	DRIVER SIDE WALL PANEL (FRONT)	
	2	WALL EXTENSION PANELS	
A	75	3/4” SELF-TAPPING SCREWS	
B	75	CLEAR SNAP CAP WASHERS	
C	75	BLACK SNAP CAPS	

MI-LIN355 ONLY			
	QTY	DESCRIPTION	
D	2	REAR PANEL E-TRACK BACKING PLATE	
E	1	FRONT PANEL E-TRACK BACKING PLATE (IF APPLICABLE)	
	2	4 FT E-TRACK	
	1	3 1/3 FT E-TRACK (IF APPLICABLE)	
F	36	1” MONOBOLTS / RIVETS	

SUGGESTED TOOLS:

DRILL
3/4” BIT
1/2” HOLE STOP OR SHORT BIT
RIVET GUN

A (31051)
Self-Tapping Screws

B (91092114)
Washers

C (10592-04388)
Snap Caps

D 4 FT E-Track Backing Plate

E 3 1/3 FT E-Track Backing Plate

F (0124439)
1” Monobolts

Ensure you have all required hardware and equipment prior to beginning installation.

WARNING: PRIOR TO DRILLING INTO THE VEHICLE, CHECK BEHIND DRILLING LOCATIONS FOR ELECTRICAL WIRES, FUEL/BRAKE LINES, AND OTHER CRITICAL COMPONENTS. ADJUST THE DRILLING LOCATIONS TO ENSURE THAT YOU AVOID CONTACT WITH THESE COMPONENTS. FAILURE TO DO SO CAN RESULT IN SERIOUS INJURY OR DEATH, AND CAUSE SEVERE DAMAGE TO THE VEHICLE’S FUNCTIONALITY.

DISCLAIMER: WHILE OUR PRODUCTS ARE PRODUCED WITHIN A MANUFACTURING PROTOCOL - ABS COMPOSITE PARTITIONS AND WALL LINERS COULD HAVE SLIGHT VARIANCES THAT OCCUR DURING THE MANUFACTURING PROCESS. VARIANCES IN THE VEHICLE MANUFACTURING PROCESS CAN ALSO AFFECT HOW OUR PRODUCTS FIT. IT MAY BE NECESSARY TO TRIM SOME AREAS TO ACCOMMODATE A BETTER FIT. SHOULD YOU HAVE QUESTIONS DURING THE INSTALLATION PROCESS, PLEASE CONTACT US.

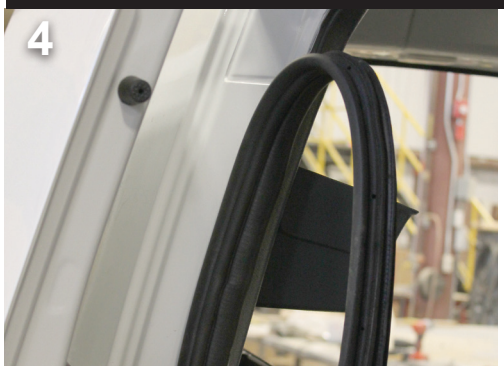
COMPLETE STEPS 1-3 ONLY IF YOU HAVE PURCHASED THE E-TRACK KIT (MI-LIN355)

Position the E-Track backing plate with the tapered end pointed towards the front of the van. The panels are sized to fit the inset in the wall as shown. Secure at either end using self-tapping screws (**A**)

Using a 3/4” bit, drill out each hole along the panel. Use a 1/2” hole stop or short bit to prevent accidentally drilling in too far.

Secure the backing plate by installing 1” monobolt / rivets (**F**) in each hole in the backing plate. Repeat steps 1-3 for each wall panel.

INSTALLING THE WALL LINER KIT (MI-LIN352)



Peel back the weatherstripping near the doors.

Note: For proper installation, the rear driver side wall panel must be installed prior to the front driver side panel.

Insert the rear passenger side panel at an angle through the rear doors.

You will need to drill a pilot holes. Secure the sides of the wall but keep the top free from screws until the wall extensions are installed in the next step. Use self-tapping screws (**A**), clear washers (**B**) and snap caps (**C**) in each hole.

Insert the rear passenger wall extension. Tuck the weatherstripping back in so it fits on top of the wall panels.

Repeat **Steps 5-7** for the rear driver wall.

Insert the front driver wall through the rear doors, and secure it on top of the rear driver wall using self-tapping screws (**A**), clear washers (**B**) and snap caps (**C**). Wall liner installation is complete. Refer to the next page for instructions on how to complete the optional E-Track.

COMPLETING THE E-TRACK INSTALLATION (MI-LIN355 ONLY)

NOTE: THE TOP ROW OF HOLES ON THE E-TRACK WILL GO THROUGH THE WALL LINER AND E-TRACK BACKING PLATE. THE LOWER ROW OF HOLES ON THE E-TRACK WILL GO INTO THE FRAME OF THE VAN WALL. USE A 1/2” HOLE STOP TO PREVENT DRILLING TOO FAR INTO THE WALL.

With someone holding the E-Track, drill out every third hole in the top and bottom of the E-Track. If they don’t divide evenly, start one hole in.

Secure the E-Track with monobolt / rivets (**F**)

Repeat steps for each wall liner. E-Track installation is complete.